**Harvest Indoor Rock Climbing Centre RAMS**

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| **HAZARD** | **RISKS** | **HAZARD MANAGEMENT/ CONTROL** |
| 1. Incorrect attachment to rope. | * Falling * Physical injury * Emotional injury | * Teach correct tying in method to each person. * Teach and enforce buddy checks. Educate on importance of checks * Have instructor on the floor so that mistakes can be spotted |
| 1. Incorrect/unsafe Belaying technique | * Dropping climber * Rope burns to belayer * Harm to climber (emotional or physical.) | * Teach correct belay methods and enforce these. Also explain why this is important. * Have minimum belayer age. (9 years) * Constant instruction to people so that bad habits are avoided |
| 1. Projections from wall. (Arêtes cracks, blocks etc.) | * People falling into these. * Physical injury | * Set climbs that avoid falls onto these if possible. * Teach people how to fall correctly (feet first) * Climbing within the limits of the person and the set route, ie: no traverses. |
| 1. Lead bolts | * Injury from falling while holding these. | * Teach people to not ever touch them and enforce this. * Have first aid knowledge and equipment to deal with injuries that may occur. |
| 1. Human behaviour | * Inappropriate behaviour distracting climbers, belayers and wall staff. * Excessive peer pressure leads people out of their comfort zone. | * Have set boundaries for climbers/ non-participants. * Explain rules of centre wall floor; no running, yelling, food or drink. * Tell people that they only have to climb what they want and encourage them to come down when they want to. * Wall staff and volunteers are to discourage people from forcing others to continue |
| 1. Climbing equipment | * Failure of equipment through misuse. * Failure of equipment from damage * Damage to equipment leading to failure. | * Educate about proper use and care of equipment. Eg: ropes and carabineers. * Ensure that regular checks are carried out to prevent unsafe gear from being used. * Retire or destroy any damaged equipment to prevent future use. |
| 1. Person becomes stuck on the wall. | * Climber gets stuck in a crack or bolt, * Person will not let go to be lowered. * Grigri jams | * Wall staff to know rescue techniques to deal with stuck climbers. * Wall staff must know how to break into a belay system. * Climber is to be encouraged to down climb or let go by wall staff and volunteers. |
| 1. Permanent fixtures not on climbing wall: Speakers and screen beam | * People falling into or onto these. * Speakers falling onto people below. | * Set climbs that don’t allow people to swing or fall onto speakers or speaker beam * Ensure that speakers are well attached. * Tell climbers that the beam is **not** a climbing fixture. |
| 8a. the Stage | * People using it as a foot hold * Stage falling onto belayers, other people. | * Ensure that stage is well attached to wall before each session. * Tell people that the stage is not to be tampered with. |
| 8b. Ceiling beam | * Injury from people swinging into the ceiling beam. | * Set climbs that don’t let people take swings into the beam. * Pad the beam with foam so that sharp corners are covered and any impact is lessened. |
| 1. People climbing without ropes. Bouldering | * Falls resulting in injury * Bad role modelling for other climbers who may not understand the sport. | * Groups are NOT allowed to climb without a rope attached to them. * Boulderers MUST not climb so their hands are above the first bolt. And may only climb when the gym is empty. * Boulderers must understand the risks involved in the sport and adhere to the rules set out by wall staff. |